

Title (en)

BLOCK COPOLYMER RUBBER, RESIN MODIFIER, AND RESIN COMPOSITION

Title (de)

BLOCKCOPOLYMERKAUTSCHUK, HARZMODIFIZIERER UND HARZZUSAMMENSETZUNG

Title (fr)

CAOUTCHOUC DE COPOLYMERE BLOC, MODIFICATEUR DE RESINE, ET COMPOSITION DE RESINE

Publication

EP 1270625 A4 20040324 (EN)

Application

EP 01906241 A 20010223

Priority

- JP 0101341 W 20010223
- JP 2000049858 A 20000225

Abstract (en)

[origin: EP1270625A1] An aromatic vinyl-conjugated diene block copolymer rubber comprising 50 to 75% by weight of conjugated diene monomer units and 25 to 50% by weight of aromatic vinyl monomer units, wherein the content of vinyl bond in the conjugated diene monomer units is at least 50% by weight, the ratio of blocked aromatic vinyl in the aromatic vinyl monomer units is at least 70% and the number average molecular weight of the copolymer rubber is in the range of 280,000 to 1,000,000. An aromatic vinyl resin having incorporated therein the aromatic vinyl-conjugated diene block copolymer rubber gives a shaped article having good impact resistance and luster, and characterized in that the luster is thermally stable and the luster varies only to a minimized extent within the shaped article.

IPC 1-7

C08L 53/02; **C08F 297/04**; **C08L 25/06**

IPC 8 full level

C08F 2/44 (2006.01); **C08F 287/00** (2006.01); **C08F 297/04** (2006.01); **C08L 25/06** (2006.01); **C08L 53/02** (2006.01); **C08L 101/00** (2006.01)

CPC (source: EP US)

C08F 297/04 (2013.01 - EP US); **C08L 25/06** (2013.01 - EP US); **C08L 53/02** (2013.01 - EP US); **C08L 53/025** (2013.01 - EP US)

Citation (search report)

- [A] DE 19750336 A1 19980604 - JAPAN ELASTOMER CO LTD [JP]
- [A] US 4501857 A 19850226 - KISHIMOTO YASUSHI [JP], et al
- See references of WO 0162813A1

Cited by

EP1916267A4; EP2042531A4; WO2007013541A1; US8637604B2

Designated contracting state (EPC)

AT BE CH CY DE FR GB IT LI

DOCDB simple family (publication)

EP 1270625 A1 20030102; **EP 1270625 A4 20040324**; **EP 1270625 B1 20041222**; DE 60107941 D1 20050127; DE 60107941 T2 20051215; JP 2001240637 A 20010904; US 2003023019 A1 20030130; US 6835781 B2 20041228; WO 0162813 A1 20010830

DOCDB simple family (application)

EP 01906241 A 20010223; DE 60107941 T 20010223; JP 0101341 W 20010223; JP 2000049858 A 20000225; US 20486402 A 20020826